
SYSTEM, SYSTEM, AND SERVICE FOR EFFICIENT ALLOCATION OF COMPUTING RESOURCES AMONG USERS

ABSTRACT OF THE INVENTION

A computing resource allocation system allocates hardware and software resources among employees, based upon a combination of the employee level, job function, and demonstrated workstation performance within the context of the job requirements of the employee and usage patterns of the computing resource. The system collects various performance data for computing resources. A set of policy rules is applied to the collected performance data and processed by the present system. Consequently, the present system automatically identifies and prioritizes employees in need of technology upgrades and replacements based on business needs and available resources. Performance data of a computing resource is captured and transmitted to a central collection agency. From the performance data, the present system determines when partial upgrades, such as memory additions or faster adapters are appropriate based on system performance or errors. In addition, the present system determines when a computing resource experiences continuous performance problems.